

Message

From: Casso, Ruben [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=E33DF0ABBBF049959E9100E556C7E634-CASSO, RUBEN]
Sent: 6/24/2020 3:23:41 PM
To: Robinson, Jeffrey [Robinson.Jeffrey@epa.gov]; Verhalen, Frances [verhalen.frances@epa.gov]
CC: Riddick, Nia [Riddick.Nia@epa.gov]
Subject: Revised draft EtO plan with updated emission numbers including emission events
Attachments: EtO Technical Assessment Options DRAFT 6-23-20.docx; DRAFT TX facilities (3) - 2017-2018 EI-Event Reports 6-23-20.docx; DRAFT LA facility 2017 emission event reports .docx

Summary emission event data below and in revised draft plan. Details on emission events currently available online also attached.

2014 NATA and 2017 Emission Inventory and 2018 TRI and EI reporting updates DRAFT June 23, 2020

Reviewed 2017 and 2018 state EI's online as well as emission event reports specific to EtO. Emission event emissions and revised totals in red.

See table below. We'll need to ask the states for more recent data and to help us confirm or correct any EtO emissions data available online.

Facility*	2014 NATA EtO emissions (lbs)	2014 NATA Risk	2017 EI EtO emissions (lbs)	% Difference from 2014	2018 TRI Emissions (lbs)	% Difference from 2014	2018 EI
BCP Ingredients St. Gabriel, LA	5,003	2,539	4,260	-14.9%	48	-99%	<i>No EI report</i>
Union Carbide Hahnville, LA	20,860	1,680	11,159 +174 = 11,333	-46%	7,922	-62%	7,822
Huntsman Port Neches, TX	21,552	1,456	12,053 + 596 = 12,649	-41%	42,822	+98%	12,470 + 30,195 = 42,666*
Eastman Chemical, Longview, TX	14,828	1,355	10,740 + 2,140 = 12,880*	-13%	7,580	-49%	7,337 +59 = 7,396*
Taminco Chemical (Eastman Corp.), St. Gabriel, LA	2,299	1,330	1,606	-30.1%	160	-93%	160
Sasol Westlake, LA	12,640	841	16,449	+30.1%	2,237	-82%	2,237
Evonik (formerly Air Products) Reserve, LA	3,222	831	2,494	-22.6%	<i>No 2018 TRI report found</i>	-46%	1,747
Shell Technology Center, Houston, TX	919	291	640.4	-30%	<i>No 2018 TRI report found</i>	-29%	649.6
Midwest Sterilization, Laredo, TX	15,738	219	14,845	-5.7%	15,112	-4%	<i>No EI report</i>

**event emissions added*

Other Considerations

¹ EPA/DOJ Supplemental Environmental Project (SEP) negotiations may have impacted Union Carbide

² Midwest Sterilization is geographically isolated with no obvious residential population nearby